

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1775	(359/642,665,721).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:30
L2	98	1 and drop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:31
L3	558	((((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)).CCLS.) and center\$4) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:35
L4	8267	((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:35
L5	54	(lens adj centering) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:35
L6	18	drop adj centering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:36
L7	266	(359/666).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:36
L8	1092	(73/432.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:36
L9	3150	((drop\$3 or liquid) near3 (center\$4 or align\$5)) and (lens) and (trough or channel or hollow or depression or canal or groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:36

L10	96	(microlens or (micro adj lens)) adj (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:39
L11	153	variable near2 focus near2 liquid near2 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/19 14:39
L12	179	variable near2 focus near2 liquid near2 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:40
L13	111	(microlens or (micro adj lens)) adj (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:40
L14	10326	3 or 4 or 5 or 6 or 7 or 8 or 9 or 12 or 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:40
L15	1486544	@pd>="20070901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:41
L16	711	14 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:41
S1	16	("4010321"   "4030813"   "4118270"   "4137060"   "4338352"   "4406732"   "4653847"   "4671609"   "4708426"   "4867521"   "4948214"   "5412746"   "5518863"   "5574598"   "6014259"   "6369954").PN.	USPAT	OR	OFF	2006/12/12 15:14
S2	0	"6545816".URPN.	USPAT	OR	OFF	2003/06/24 09:54
S3	2	("4030813"   "5659330").PN.	USPAT	OR	OFF	2003/06/24 09:54
S4	607	((((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)).OCL.S.) and center\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 13:07

S5	337	((((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)). CCLS.) and center\$4) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 13:08
S6	361	((((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)). CCLS.) and center\$4) and (liquid or drop\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 13:20
S7	28132	(drop\$3 or liquid) near3 (center\$4 or align\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 13:21
S8	3565	((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 13:45
S9	295	lens adj centering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 14:12
S10	24	(lens adj centering) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 14:15
S11	5	drop adj centering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 14:16
S12	8943	microlens or (micro adj lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/24 14:17
S13	738397	@pd>="20030501"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:58
S14	143	(359/666).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/20 16:03

S15	3	@pd> = "20030501" and ((359/666).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:30
S16	1897	((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/20 16:04
S17	63	@pd> = "20030501" and (((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)). CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:28
S18	999	(73/432.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/20 16:06
S19	10	@pd> = "20030501" and ((73/432.1).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:31
S20	1312	((((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens) and (trough or channel or hollow or depression or canal or groove))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/20 16:09
S21	185	@pd> = "20030501" and (((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens) and (trough or channel or hollow or depression or canal or groove))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:31
S22	54	(microlens or (micro adj lens)) adj (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/20 16:19
S23	2	((microlens or (micro adj lens)) adj (liquid or drop)) and @pd> = "20030501"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/20 16:20
S24	43	variable near2 focus near2 liquid near2 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/20 16:20

S27	55	variable near2 focus near2 liquid near2 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 08:53
S28	14	((microlens or (micro adj lens)) adj (liquid or drop)) and @pd>="20030501"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:04
S29	744	@pd>="20030501" and (((((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens) and (trough or channel or hollow or depression or canal or groove))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:07
S30	586	@pd>="20031001" and (((((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens) and (trough or channel or hollow or depression or canal or groove))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:07
S31	13	@pd>="20031001" and ((73/432.1).CQLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:16
S32	219	@pd>="20031001" and (((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)).CQLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:17
S33	21	@pd>="20031001" and ((359/666).CQLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:24
S34	13	drop adj centering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:25
S35	30	(lens adj centering) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 09:25
S36	1	09/937508	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:07

S37	0	09/937508.an.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:07
S38	1	09/937,508	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:07
S39	1394821	@pd> = "20050101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:58
S40	765	((((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)). OCLS.) and center\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:59
S41	48	S39 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:59
S42	449	((((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)). OCLS.) and center\$4) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:04
S43	35	S39 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:04
S44	0	S43 not S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:04
S45	39963	(drop\$3 or liquid) near3 (center\$4 or align\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:05
S46	3936	S39 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:05

S47	5801	((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:05
S48	633	S39 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:06
S49	32	(lens adj centering) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:06
S50	15	drop adj centering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:07
S51	185	(359/666).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:18
S52	10	S51 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:18
S53	2050	((((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens) and (trough or channel or hollow or depression or canal or groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:23
S54	312	S53 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:23
S55	68	(microlens or (micro adj lens)) adj (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:37
S56	58	variable near2 focus near2 liquid near2 lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:39

S57	32	(lens adj centering) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:25
S58	16	drop adj centering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:26
S59	90	@pd> = "20050901" and (((264/1.1) or (264/1.32) or (264/1.36) or (264/1.7)). CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:28
S60	8	@pd> = "20050901" and ((359/666).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:30
S61	4	@pd> = "20050901" and ((73/432.1).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:31
S62	218	@pd> = "20050901" and ((((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens) and (trough or channel or hollow or depression or canal or groove))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:32
S63	11	@pd> = "20050901" and (microlens or (micro adj lens)) adj (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:38
S64	14	@pd> = "20050901" and (variable near2 focus near2 liquid near2 lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:40
S65	2	("6702483").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 09:19
S66	7	("5687401"   "5745255"   "6369954"   "6449081").PN. OR ("6702483").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 10:11

S67	1249	berge.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 13:23
S68	25080	bruno.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 13:23
S69	9	S67 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 13:24
S70	1	"09937508"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 13:42
S71	2	("5439621").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 15:14
S72	7	("5687401"   "5745255"   "6369954"   "6449081").PN. OR ("6702483").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/12 15:27
S73	109	"00751"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/12 15:27
S74	8	("5687401"   "5745255"   "6369954"   "6449081").PN. OR ("6702483").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 09:48
S75	44	(lens adj centering) and (liquid or drop)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 09:50
S76	5710568	@pd> = "20050101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 09:54
S77	2889	((((drop\$3 or liquid) near3 (center\$4 or align\$5)) and lens) and (trough or channel or hollow or depression or canal or groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 09:56

S78	1151	S77 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 09:54
S79	86	((((drop\$3 or liquid) near3 (center\$4 or align\$5)) same lens) same (trough or channel or hollow or depression or canal or groove or well))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 09:57

5/ 19/ 08 3:36:13 PM

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